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OM nucleic - nucleic search, using sw model

Run on: December 12, 2003, 08:58:52 ; Search time 60.3381 Seconds  
(without alignments)  
6737.272 Million cell updates/sec

Title: US-09-917-265-52

Perfect score: 921  
Sequence: 1 atatgggaactggagaaga.....gggcacatgtgtctgcagt 921

Scoring table: OLIGO NUC  
Gapop 60.0 , Gapext 60.0

Searched: 569978 seqs, 220691566 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents NA.\*

- 1: /cgn2\_6/ptodata/2/ina/5A\_COMB.seq.\*
- 2: /cgn2\_6/ptodata/2/ina/5B\_COMB.seq.\*
- 3: /cgn2\_6/ptodata/2/ina/6A\_COMB.seq.\*
- 4: /cgn2\_6/ptodata/2/ina/6B\_COMB.seq.\*
- 5: /cgn2\_6/ptodata/2/ina/PCTUS\_COMB.seq.\*
- 6: /cgn2\_6/ptodata/2/ina/backfiles1.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	921	100.0	990	3	US-09-079-984A-11
2	921	100.0	990	4	US-09-390-729-11
3	759	82.4	990	3	US-09-079-984A-1
4	759	82.4	990	4	US-09-390-729-1
5	66	7.2	921	4	US-09-011-143-6
6	66	7.2	921	4	US-09-302-495-6
7	66	7.2	921	4	US-10-079-616-6
8	66	7.2	2193	4	US-09-011-143-5
9	66	7.2	2193	4	US-09-302-495-5
10	66	7.2	2193	4	US-10-079-616-5
11	63	6.8	921	4	US-09-011-143-7
12	63	6.8	921	4	US-09-302-495-7
13	63	6.8	921	4	US-10-079-616-7
14	46	5.0	987	1	US-08-186-529-1
15	46	5.0	987	1	US-08-640-386A-1
16	46	5.0	987	3	US-08-848-760B-24
17	46	5.0	1018	2	US-08-184-009-194
18	46	5.0	1018	2	US-08-458-356-194
19	46	5.0	1018	3	US-08-460-736-194
20	46	5.0	1018	4	US-09-535-370-194
21	46	5.0	1399	2	US-08-751-767A-3
22	46	5.0	1623	2	US-08-751-767A-11
23	46	5.0	1623	2	US-08-751-767A-9
24	46	5.0	1870	4	US-09-310-842-4
25	46	5.0	2318	4	US-09-851-062-3
26	46	5.0	2362	1	US-08-265-087-1
27	46	5.0	2362	1	US-08-621-493-1

28	46	5.0	2362	2	US-08-965-688-1	Sequence 1, Appl
29	46	5.0	2362	3	US-09-460-173-1	Sequence 1, Appl
30	46	5.0	2362	4	US-09-924-703-3	Sequence 3, Appl
31	46	5.0	6139	2	US-08-751-767A-7	Sequence 7, Appl
C 32	27	2.9	39	3	US-09-079-984A-14	Sequence 14, Appl
C 33	27	2.9	39	4	US-09-390-729-14	Sequence 14, Appl
34	21	2.3	44	4	US-09-011-143-14	Sequence 14, Appl
35	21	2.3	44	4	US-09-302-495-14	Sequence 14, Appl
36	21	2.3	44	4	US-10-079-616-14	Sequence 14, Appl
C 37	20	2.2	20	4	US-09-851-062-17	Sequence 17, Appl
C 38	20	2.2	20	4	US-09-851-062-23	Sequence 23, Appl
C 39	20	2.2	20	4	US-09-851-062-33	Sequence 33, Appl
40	20	2.2	1061	2	US-08-385-335A-13	Sequence 13, Appl
41	20	2.2	6295	2	US-08-859-206A-4	Sequence 4, Appl
42	20	2.2	7287	2	US-08-859-206A-1	Sequence 1, Appl
43	19	2.1	21	4	US-09-347-343-35	Sequence 35, Appl
C 44	19	2.1	25	2	US-08-751-767A-19	Sequence 19, Appl
45	19	2.1	1002	2	US-08-359-850-3	Sequence 3, Appl

#### ALIGNMENTS

RESULT 1  
US-09-079-984A-11  
; Sequence 11, Application US/09079984A  
; Patent No. 6231850  
; GENERAL INFORMATION:  
; APPLICANT: Okano, Fumiyoshi, Satoh, Masahiro,  
; APPLICANT: Yamada, Katsuhige  
; TITLE OF INVENTION: Canine interleukin 12, a production method  
; TITLE OF INVENTION: thereof, an immune disease treatment method and preventive  
; TITLE OF INVENTION: method using it  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Miller & Christenbury Intellectual Property  
; ADDRESSEE: Department of Schnader, Harrison, Segal and Lewis, LLP  
; STREET: 1600 Market Street, 39th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA: US/09/079,984A  
; APPLICATION NUMBER: US/09/079,984A  
; FILING DATE: 15-MAY-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Austin R. Miller  
; REGISTRATION NUMBER: 16,602  
; REFERENCE/DOCKET NUMBER: 1051-98  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 563-1810  
; TELEFAX: (215) 568-6946  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 990 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; ORIGINAL SOURCE:  
; ORGANISM: Canis familiaris  
; FEATURE:  
; NAME/KEY: Canine IL12  
; LOCATION: 1 to 987  
; IDENTIFICATION METHOD: Similarity  
US-09-079-984A-11

Query Match 100.0%; Score 921; DB 3; Length 990;

	Best Local Similarity	100.0%	Pred. No. 0;	Mismatches	Indels	Gaps	0;
	Matches	921; Conservative	0;				
QY	1	ATATGGGAACTGGAGAAAGATGTTTATTGTGTAGAGTTGGACTGGCACCCCTGATGCCCCC	60				
Db	67	ATATGGGAACCTGGAGAAAGATGTTTATTGTGTAGAGTTGGACTGGCACCCCTGATGCCCCC	126				
QY	61	GGAGAAATGGTGTCCTCACTCGCATACCCCTGAAGNAGTAGCATCACTTGGACCTCA	120				
Db	127	GGAGAAATGGTGTCCTCACTCGCATACCCCTGAAGNAGTAGCATCACTTGGACCTCA	186				
QY	121	GC GCAGAGCAGTGAAGTCTTAGGTTCCTGATAAATCTTGACATCCCAAGTCAAAGAATTT	180				
Db	187	GC GCAGAGCAGTGAAGTCTTAGGTTCCTGATAAATCTTGACATCCCAAGTCAAAGAATTT	246				
QY	181	GGAGATGCTGGCCAGTATACTCGCATAAAGGAGCAAGGTTCTGAGCCGCTCACTCTCTG	240				
Db	247	GGAGATGCTGGCCAGTATACTCGCATAAAGGAGCAAGGTTCTGAGCCGCTCACTCTCTG	306				
QY	241	TTGATTTCACAAAAGAGAGATGGAAATTTGGTCCA CTGATATCTTTAAAGGAAACAGAAAGAA	300				
Db	307	TTGATTTCACAAAAGAGAGATGGAAATTTGGTCCA CTGATATCTTTAAAGGAAACAGAAAGAA	366				
QY	301	TCCAAAAATAAGATCTTTCTGAAATGTGAGGCAAGAAATTTCTGGACGTTTCA CATGCG	360				
Db	367	TCCAAAAATAAGATCTTTCTGAAATGTGAGGCAAGAAATTTCTGGACGTTTCA CATGCG	426				
QY	361	TGHTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTC	420				
Db	427	TGHTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTC	486				
QY	421	TCTGACCCCCAAGGGGTGACATGTGAGCAGTGACATTTT CAGCAGAGAGGGTCA GAGTG	480				
Db	487	TCTGACCCCCAAGGGGTGACATGTGAGCAGTGACATTTT CAGCAGAGAGGGTCA GAGTG	546				
QY	481	GACAAACAGGGATTA TAAGAA GTACA CAGTGGAGTGTCA GAGGGCAGTGCCCTGCCCTCT	540				
Db	547	GACAAACAGGGATTA TAAGAA GTACA CAGTGGAGTGTCA GAGGGCAGTGCCCTGCCCTCT	606				
QY	541	GCCGAGGAGAGCTTACCATCGAGGTCGTGGTGGATGCTATTCA CAAGCTCAAGTATGAA	600				
Db	607	GCCGAGGAGAGCTTACCATCGAGGTCGTGGTGGATGCTATTCA CAAGCTCAAGTATGAA	666				
QY	601	AAC TACAC CAGCAGTCTTTCATCAGAGACATCATCAA AACCAGACCCACCA AACCTG	660				
Db	667	AAC TACAC CAGCAGTCTTTCATCAGAGACATCATCAA AACCAGACCCACCA AACCTG	726				
QY	661	CAGCTGAAGCCATTGAAAATTTCTCGGCACGTGGAGGTCA GTGGGAATACCCGCACAC	720				
Db	727	CAGCTGAAGCCATTGAAAATTTCTCGGCACGTGGAGGTCA GTGGGAATACCCGCACAC	786				
QY	721	TGGAGCACCCACATTCCTACTTCTCCCTGACATTTTGC ATACAGGCCCAGGGCAGAAC	780				
Db	787	TGGAGCACCCACATTCCTACTTCTCCCTGACATTTTGC ATACAGGCCCAGGGCAGAAC	846				
QY	781	AATAGAGAAAAGAAAGATAGACTCTGCTGGGACAGAACCTCAGCCNAAGTCTGTGCGCAC	840				
Db	847	AATAGAGAAAAGAAAGATAGACTCTGCTGGGACAGAACCTCAGCCNAAGTCTGTGCGCAC	906				
QY	841	AAGGATGCCAAGATCCGGTGC AAAGCCCGAGACCGCTACTATAGTTTCATCTCTGGAGCGAC	900				
Db	907	AAGGATGCCAAGATCCGGTGC AAAGCCCGAGACCGCTACTATAGTTTCATCTCTGGAGCGAC	966				
QY	901	TGGGCATCTGTCTCTCGAGT	921				
Db	967	TGGGCATCTGTCTCTCGAGT	987				

## RESULT 2

US-09-390-729-11

03-03-330-723-11  
: Sequence 11. Application US/09390729

: Patent No. 6562334

GENERAL INFORMATION:

367 TCCAAAAATAAGATCTTTCTGAAATGTGAGGCAAGAAATTTATCTGACGTTTTCACATGC 426  
361 TGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTC 420  
427 TGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTC 486  
421 TCTGACCCCAAGGGGTGACATGTGGAGCAGTGCACATCTTTTCCAGCAGAGGGGTGAGAGTG 480  
487 TCTGACCCCAAGGGGTGACATGTGGAGCAGTGCACATCTTTTCCAGCAGAGGGGTGAGAGTG 546  
481 GACACAGGGATTTAAGAAAGTACACAGTGGAGTGTGAGAGGGGAGTGTGCTGCTCTCT 540  
547 GACACAGGGATTTAAGAAAGTACACAGTGGAGTGTGAGAGGGGAGTGTGCTGCTCTCT 606  
541 GCCGAGGAGCCTACCCATGAGGTGCTGGTGGATGCTATTTCACAGCTCAAGTATGAA 600  
607 GCCGAGGAGCCTACCCATGAGGTGCTGGTGGATGCTATTTCACAGCTCAAGTATGAA 666  
601 AACTACACAGCAGCTCTTTCATCAGAGACATCATCAAAACAGACCCACCCACAAACCTG 660  
667 AACTACACAGCAGCTCTTTCATCAGAGACATCATCAAAACAGACCCACCCACAAACCTG 726  
661 CAGCTGAAGCATTGAAAAATTTCTGGCAGCTGGAGTCAAGTGGGAATACCCCGACACC 720  
727 CAGCTGAAGCATTGAAAAATTTCTGGCAGCTGGAGTCAAGTGGGAATACCCCGACACC 786  
721 TGGAGCAGCCCATCT 780  
787 TGGAGCAGCCCATCT 846  
781 AATAGAGAAAGAAAGATAGACTCTGGTGGACAAAGACCTCAGCAGAGGTCTGTGCTCAC 840  
847 AATAGAGAAAGAAAGATAGACTCTGGTGGACAAAGACCTCAGCAGAGGTCTGTGCTCAC 906  
841 AAGATGCCAAGATCCGCTGCAAGCCGAGACCGCTATCTATAGTTTCACTCTGAGGCGAC 900  
907 AAGATGCCAAGATCCGCTGCAAGCCGAGACCGCTATCTATAGTTTCACTCTGAGGCGAC 966  
901 TGGGCATCTGTCTCTGCACT 921  
967 TGGGCATCTGTCTCTGCACT 987

RESULT 3  
US-09-079-984A-1  
Sequence 1, Application US/09079984A  
Patent No. 6231850  
GENERAL INFORMATION:  
APPLICANT: Okano, Fumiyoshi, Satoh, Masahiro,  
APPLICANT: Yamada, Katsuhige  
TITLE OF INVENTION: Canine interleukin 12, a production method  
TITLE OF INVENTION: thereof, an immune disease treatment method and preventive  
TITLE OF INVENTION: method using it  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Miller & Christenbury Intellectual Property  
ADDRESSEE: Department of Schnader, Harrison, Segal and Lewis, LLP  
STREET: 1600 Market Street, 39th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/079,984A  
FILING DATE: 15-MAY-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Austin R. Miller  
REGISTRATION NUMBER: 16,602

REFERENCE/DOCKET NUMBER: 1051-98  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 563-1810  
TELEFAX: (215) 568-6946  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 990 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
ORIGINAL SOURCE:  
ORGANISM: Canis familiaris  
FEATURE:  
NAME/KEY: Canine IL12  
LOCATION: 1 to 987  
IDENTIFICATION METHOD: Similarity  
US-09-079-984A-1

Query Match 82.4%; Score 759; DB 3; Length 990;  
Best Local Similarity 99.7%; Pred. No. 0;  
Matches 909; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 ATATGGAACTGGAGAAAGATGTTTATGTTGATGAGTGGACCTGATGCCCCC 60  
DB 67 ATATGGAACTGGAGAAAGATGTTTATGTTGATGAGTGGACCTGATGCCCCC 126  
QY 61 GGAGAAATGGTGGTCTCCTACCTGCCATACCCCTGAAGAGATGACATCTTGGACCTCA 120  
DB 127 GGAGAAATGGTGGTCTCCTACCTGCCATACCCCTGAAGAGATGACATCTTGGACCTCA 186  
QY 121 GCGCAGCAGTGAAGTCTTAGTCTTCTGGTAAAACTCTGACCACTCAAGTCAAGAAATTT 180  
DB 187 GCGCAGCAGTGAAGTCTTAGTCTTCTGGTAAAACTCTGACCACTCAAGTCAAGAAATTT 246  
QY 181 GGAGATGCTGGCAGTATACCTGCCATAAAGAGGCAAGTCTGAGCGCTCCTCCTCTG 240  
DB 247 GGAGATGCTGGCAGTATACCTGCCATAAAGAGGCAAGTCTGAGCGCTCCTCCTCTG 306  
QY 241 TTGATTTACAAAAAAGAAAGATGGAATTTGGTCCACTGATATCTTAAAGGACAAAGAA 300  
DB 307 TTGATTTACAAAAAAGAAAGATGGAATTTGGTCCACTGATATCTTAAAGGACAAAGAA 366  
QY 301 TCCAAAAATAAGATCTTTCTGAAATGTGAGGCAAGAAATTTATCTGACGTTTTCACATGC 360  
DB 367 TCCAAAAATAAGATCTTTCTGAAATGTGAGGCAAGAAATTTATCTGACGTTTTCACATGC 426  
QY 361 TGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTC 420  
DB 427 TGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTC 486  
QY 421 TCTGACCCCAAGGGGTGACATGTGGAGCAGTGCACATCTTTTCCAGCAGAGGGGTGAGAGTG 480  
DB 487 TCTGACCCCAAGGGGTGACATGTGGAGCAGTGCACATCTTTTCCAGCAGAGGGGTGAGAGTG 546  
QY 481 GACACAGGGATTTAAGAAAGTACACAGTGGAGTGTGAGAGGGGAGTGTGCTGCTCTCT 540  
DB 547 GACACAGGGATTTAAGAAAGTACACAGTGGAGTGTGAGAGGGGAGTGTGCTGCTCTCT 606  
QY 541 GCCGAGGAGCCTACCCATGAGGTGCTGGTGGATGCTATTTCACAGCTCAAGTATGAA 600  
DB 607 GCCGAGGAGCCTACCCATGAGGTGCTGGTGGATGCTATTTCACAGCTCAAGTATGAA 666  
QY 601 AACTACACAGCAGCTCTTTCATCAGAGACATCATCAAAACAGACCCACCCACAAACCTG 660  
DB 667 AACTACACAGCAGCTCTTTCATCAGAGACATCATCAAAACAGACCCACCCACAAACCTG 726  
QY 661 CAGCTGAAGCATTGAAAAATTTCTGGCAGCTGGAGTCAAGTGGGAATACCCCGACACC 720  
DB 727 CAGCTGAAGCATTGAAAAATTTCTGGCAGCTGGAGTCAAGTGGGAATACCCCGACACC 786  
QY 721 TGGAGCAGCCCATCT 780

Db 787 TGGAGCACCCACATTCCTTCTGTCGACATTTTGCATACAGGCCCGGCAAGAAC 846  
Qy 781 AATAGAGAAAGAAAGATAGACTCTGCGTGGACAGACCTCAGCCAAGGTCTGTGGCCAC 840  
Db 847 AATAGAGAAAGAAAGATAGACTCTGCGTGGACAGACCTCAGCCAAGGTCTGTGGCCAC 906  
Qy 841 AAGGATGCCAAGATCCGCTGCAAGCCCGAGACCCGCTACTATAGTTTCATCTGGAGCGAC 900  
Db 907 AAGGATGCCAAGATCCGCTGCAAGCCCGAGACCCGCTACTATAGTTTCATCTGGAGCGAC 966  
Qy 901 TGGGCATCTGTG 912  
Db 967 TGGGCATCTGTG 978

## RESULT 4

US-09-390-729-1  
; Sequence 1, Application US/09390729  
; Patent No. 6562334  
; GENERAL INFORMATION:  
; APPLICANT: Okano, Fumiyoshi, Satoh, Masahiro,  
; APPLICANT: Yamada, Katsushige  
; TITLE OF INVENTION: Canine interleukin 12, a production method  
; TITLE OF INVENTION: thereof, an immune disease treatment method and preventive  
; TITLE OF INVENTION: method using it  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Miller & Christenbury Intellectual Property  
; ADDRESSEE: Department of Schnader, Harrison, Segal and Lewis, LLP  
; STREET: 1600 Market Street, 39th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/390,729  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/079,984  
; FILING DATE: 15-MAY-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Austin R. Miller  
; REGISTRATION NUMBER: 16,602  
; REFERENCE/DOCKET NUMBER: 1051-98  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 563-1810  
; TELEFAX: (215) 568-6946  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 990 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; ORIGINAL SOURCE:  
; ORGANISM: Canis familiaris  
; FEATURE:  
; NAME/KEY: Canine IL12  
; LOCATION: 1 to 987  
; IDENTIFICATION METHOD: Similarity  
US-09-390-729-1

Query Match 82.4%; Score 759; DB 4; Length 990;  
Best Local Similarity 99.7%; Pred. NO. 0;  
Matches 909; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1 ATATGGGAACCTGGAGAAAGATGTTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCCC 60  
|||||

Db 67 ATATGGGAACCTGGAGAAAGATGTTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCCC 126  
Qy 61 GGAGAAATGGTGGTCTCTCACCTGCATACCCCTCGAAGAAGATGACATCAGCTTGGACCTCA 120  
Db 127 GGAGAAATGGTGGTCTCTCACCTGCATACCCCTCGAAGAAGATGACATCAGCTTGGACCTCA 186  
Qy 121 GCGCAGAGCAGTGAAGTCTTAGGTTCTGGTAAAACTCTGACCATCCAAGTCAAAAGAAATTT 180  
Db 187 GCGCAGAGCAGTGAAGTCTTAGGTTCTGGTAAAACTCTGACCATCCAAGTCAAAAGAAATTT 246  
Qy 181 GGAGATGCTGCCAGTATACCTGCATAAAGGAGGCAAGGTTCTGAGCGGCTCACTCTG 240  
Db 247 GGAGATGCTGCCAGTATACCTGCATAAAGGAGGCAAGGTTCTGAGCGGCTCACTCTG 306  
Qy 241 TTGATTTCACAAAAAAGAGATGGAATTTGGTCCACTGATATCTTAAAGGAAACAGAAAGAA 300  
Db 307 TTGATTTCACAAAAAAGAGATGGAATTTGGTCCACTGATATCTTAAAGGAAACAGAAAGAA 366  
Qy 301 TCCAAAAATAAGATCTTTCTGAAATGTGAGGCAAGAAATTAATCTGGACGTTTTCACATGC 360  
Db 367 TCCAAAAATAAGATCTTTCTGAAATGTGAGGCAAGAAATTAATCTGGACGTTTTCACATGC 426  
Qy 361 TGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAGTAGCAGAGGCTTC 420  
Db 427 TGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAGTAGCAGAGGCTTC 486  
Qy 421 TCTGACCCCAAGGGGTGACATGTGGAGCAGTGACACTTTCAGCAGAGAGGCTCAGAGTG 480  
Db 487 TCTGACCCCAAGGGGTGACATGTGGAGCAGTGACACTTTCAGCAGAGAGGCTCAGAGTG 546  
Qy 481 GACAAACAGGGATTATAAGAAGTACACAGTGGAGTGTCTCAGGAGGCGAGTGCCTGCCCTCT 540  
Db 547 GACAAACAGGGATTATAAGAAGTACACAGTGGAGTGTCTCAGGAGGCGAGTGCCTGCCCTCT 606  
Qy 541 GCCGAGGAGAGCCTTACCCTCAGGTCGTGGTGTGATGCTATTCACAAAGCTCAAGTATGAA 600  
Db 607 GCCGAGGAGAGCCTTACCCTCAGGTCGTGGTGTGATGCTATTCACAAAGCTCAAGTATGAA 666  
Qy 601 AACTACACAGCAGCTTCTTCATCAGACATCATCAAAACAGACCCACCCACAAACCTG 660  
Db 667 AACTACACAGCAGCTTCTTCATCAGACATCATCAAAACAGACCCACCCACAAACCTG 726  
Qy 661 CAGCTGAAAGCCATTGAAAAATTTCTCGGACGTGGAGGTGAGTGGGAATACCCCGACACC 720  
Db 727 CAGCTGAAAGCCATTGAAAAATTTCTCGGACGTGGAGGTGAGTGGGAATACCCCGACACC 786  
Qy 721 TGGAGCACCCACATTCCTACTTCTCCCTGACATTTTGCATACAGGCCCGGCAAGAAC 780  
Db 787 TGGAGCACCCACATTCCTACTTCTCCCTGACATTTTGCATACAGGCCCGGCAAGAAC 846  
Qy 781 AATAGAGAAAGAAAGATAGACTCTGCGTGGACAAAGACTCAGGCCAAGGTCTGTGGCCAC 840  
Db 847 AATAGAGAAAGAAAGATAGACTCTGCGTGGACAAAGACTCAGGCCAAGGTCTGTGGCCAC 906  
Qy 841 AAGGATGCCAAGATCCGCTGCAAGCCCGAGACCCGCTACTATAGTTTCATCTGGAGCGAC 900  
Db 907 AAGGATGCCAAGATCCGCTGCAAGCCCGAGACCCGCTACTATAGTTTCATCTGGAGCGAC 966  
Qy 901 TGGGCATCTGTG 912  
Db 967 TGGGCATCTGTG 978

## RESULT 5

US-09-011-143-6  
; Sequence 6, Application US/09011143  
; Patent No. 6472509  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; APPLICANT: MAEDA, Hiroaki  
; APPLICANT: FUJIVASU, Takeshi  
; APPLICANT: IMAGAWA, Yoshitaka  
; APPLICANT: TOKIYOSHI, Sachio

;; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
;; NUMBER OF SEQUENCES: 26  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: BROWDY AND NEIMARK  
;; STREET: 419 Seventh Street, N.W., Suite 300  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 20004  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/011,143  
;; FILING DATE: 04-FEB-1998  
;; CLASSIFICATION: 536  
;;  
;; PRIORITY APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/JP97/01824  
;; FILING DATE: 29-MAY-1997  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: JP 165249/1996  
;; FILING DATE: 04-JUN-1996  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: BROWDY, Roger L.  
;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: IMAMURA=1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-628-5197  
;; TELEFAX: 202-737-3528  
;;  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 921 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;;  
;; US-09-011-143-6

Query Match 7.2%; Score 66; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 1.1e-23;  
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 471 GGTGAGTGGACACACAGGATTATAAGAGTACACAGTGGAGTGTCTCAGGAGGGCAGTGC 530  
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
471 GGTGAGTGGACACACAGGATTATAAGAGTACACAGTGGAGTGTCTCAGGAGGGCAGTGC 530  
  
QY 531 CTGCCC 536  
Db ||||||  
531 CTGCCC 536

RESULT 6  
US-09-302-495-6  
; Sequence 6, Application US/09302495  
; Patent No. 6518045  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; MAEDA, Hiroaki  
; FUJIYASU, Takeshi  
; IMAGAWA, Yoshitaka  
; TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/302,495  
;; FILING DATE: 30-Apr-1999  
;; CLASSIFICATION: <Unknown>  
;;  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/011,143  
;; FILING DATE: 04-FEB-1998  
;; APPLICATION NUMBER: PCT/JP97/01824  
;; FILING DATE: 29-MAY-1997  
;; APPLICATION NUMBER: JP 165249/1996  
;; FILING DATE: 04-JUN-1996  
;;  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: BROWDY, Roger L.  
;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: IMAMURA=1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-628-5197  
;; TELEFAX: 202-737-3528  
;;  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 921 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;;  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
;; US-09-302-495-6

Query Match 7.2%; Score 66; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 1.1e-23;  
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 471 GGTGAGTGGACACACAGGATTATAAGAGTACACAGTGGAGTGTCTCAGGAGGGCAGTGC 530  
Db ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
471 GGTGAGTGGACACACAGGATTATAAGAGTACACAGTGGAGTGTCTCAGGAGGGCAGTGC 530  
  
QY 531 CTGCCC 536  
Db ||||||  
531 CTGCCC 536

RESULT 7  
US-10-079-616-6  
; Sequence 6, Application US/10079616  
; Patent No. 6566097  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; MAEDA, Hiroaki  
; FUJIYASU, Takeshi  
; IMAGAWA, Yoshitaka  
; TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/079,616  
; FILING DATE: 22-Feb-2002  
; CLASSIFICATION: <Unknown>

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 09/011,143  
;; FILING DATE: 04-FEB-1998  
;; APPLICATION NUMBER: PCT/JP97/01824  
;; FILING DATE: 29-MAY-1997  
;; APPLICATION NUMBER: JP 165249/1996  
;; FILING DATE: 04-JUN-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: BROWDY, Roger L.  
;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: IMAMURA=1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-628-5197  
;; TELEFAX: 202-737-3528  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 921 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cdna  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-10-079-616-6  
  
Query Match 7.2%; Score 66; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 1.1e-23;  
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 471 GGTCTGAGTGGACAAACAGGGATTATTAAGAGTACACAGTGGAGTGTCTGAGAGGGCAGTGC 530  
Db 471 GGTCTGAGTGGACAAACAGGGATTATTAAGAGTACACAGTGGAGTGTCTGAGAGGGCAGTGC 530  
Qy 531 CTGCCC 536  
Db 531 CTGCCC 536

RESULT 8  
US-09-011-143-5  
; Sequence 5, Application US/09011143  
; Patent No. 6472509  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; APPLICANT: MAEDA, Hiroaki  
; APPLICANT: FUJIYASU, Takeshi  
; APPLICANT: IMAGAWA, Yoshitaka  
; APPLICANT: TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/011,143  
; FILING DATE: 04-FEB-1998  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP97/01824  
; FILING DATE: 29-MAY-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 165249/1996  
; FILING DATE: 04-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.

;; REGISTRATION NUMBER: 25,618  
;; REFERENCE/DOCKET NUMBER: IMAMURA=1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-628-5197  
;; TELEFAX: 202-737-3528  
;; INFORMATION FOR SEQ ID NO: 5:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 2193 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cdna  
US-09-011-143-5  
  
Query Match 7.2%; Score 66; DB 4; Length 2193;  
Best Local Similarity 100.0%; Pred. No. 1.1e-23;  
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 471 GGTCTGAGTGGACAAACAGGGATTATTAAGAGTACACAGTGGAGTGTCTGAGAGGGCAGTGC 530  
Db 600 GGTCTGAGTGGACAAACAGGGATTATTAAGAGTACACAGTGGAGTGTCTGAGAGGGCAGTGC 659  
Qy 531 CTGCCC 536  
Db 660 CTGCCC 665

RESULT 9  
US-09-302-495-5  
; Sequence 5, Application US/09302495  
; Patent No. 6518045  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; APPLICANT: MAEDA, Hiroaki  
; APPLICANT: FUJIYASU, Takeshi  
; APPLICANT: IMAGAWA, Yoshitaka  
; APPLICANT: TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/302,495  
; FILING DATE: 30-Apr-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/011,143  
; FILING DATE: 04-FEB-1998  
; APPLICATION NUMBER: PCT/JP97/01824  
; FILING DATE: 29-MAY-1997  
; APPLICATION NUMBER: JP 165249/1996  
; FILING DATE: 04-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: IMAMURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2193 base pairs  
; TYPE: nucleic acid

;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-302-495-5

Query Match 7.2%; Score 66; DB 4; Length 2193;  
Best Local Similarity 100.0%; Pred. No. 1.1e-23;  
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 GGTCTAGTGGACACACAGGGATTATAAGAGTACACAGTGGAGTGTCTCAGGAGGGCAGTGC 530  
DB 600 GGTCTAGTGGACACACAGGGATTATAAGAGTACACAGTGGAGTGTCTCAGGAGGGCAGTGC 659

QY 531 CTGCCC 536  
DB 660 CTGCCC 665

RESULT 10  
US-10-079-616-5  
; Sequence 5, Application US/10079616  
; Patent No. 6566097  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; MAEDA, Hiroaki  
; FUJIYASU, Takeshi  
; IMAGAWA, Yoshitaka  
; TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/079,616  
; FILING DATE: 22-Feb-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/011,143  
; FILING DATE: 04-FEB-1998  
; APPLICATION NUMBER: PCT/JP97/01824  
; FILING DATE: 29-MAY-1997  
; APPLICATION NUMBER: JP 165249/1996  
; FILING DATE: 04-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: IMAMURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2193 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-10-079-616-5

Query Match 7.2%; Score 66; DB 4; Length 2193;  
Best Local Similarity 100.0%; Pred. No. 1.1e-23;

Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 GGTCTAGTGGACACACAGGGATTATAAGAGTACACAGTGGAGTGTCTCAGGAGGGCAGTGC 530  
DB 600 GGTCTAGTGGACACACAGGGATTATAAGAGTACACAGTGGAGTGTCTCAGGAGGGCAGTGC 659

QY 531 CTGCCC 536  
DB 660 CTGCCC 665

RESULT 11  
US-09-011-143-7  
; Sequence 7, Application US/09011143  
; Patent No. 6472509  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; APPLICANT: MAEDA, Hiroaki  
; APPLICANT: FUJIYASU, Takeshi  
; APPLICANT: IMAGAWA, Yoshitaka  
; APPLICANT: TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/011,143  
; FILING DATE: 04-FEB-1998  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP97/01824  
; FILING DATE: 29-MAY-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 165249/1996  
; FILING DATE: 04-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: IMAMURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 921 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-09-011-143-7

Query Match 6.8%; Score 63; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 3.5e-22;  
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 GTTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCGGAGAAATGGTGTCTCTACC 81  
DB 22 GTTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCGGAGAAATGGTGTCTCTACC 81

QY 82 TGC 84  
DB 82 TGC 84

## RESULT 12

US-09-302-495-7  
; Sequence 7, Application US/09302495  
; Patent No. 6518045  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; MAEDA, Hiroaki  
; FUJIYASU, Takeshi  
; IMAGAWA, Yoshitaka  
; TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/302,495  
; FILING DATE: 30-Apr-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/011,143  
; FILING DATE: 04-FEB-1998  
; APPLICATION NUMBER: PCT/JP97/01824  
; FILING DATE: 29-MAY-1997  
; APPLICATION NUMBER: JP 165249/1996  
; FILING DATE: 04-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: IMAMURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 921 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:

## US-09-302-495-7

Query Match 6.8%; Score 63; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 3.5e-22;  
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 22 GTTTATGTTGAGAGTTGGACTGGCACCTGATGCCCCCGAGAAATGGTGTCTCACC 81  
Db 22 GTTTATGTTGAGAGTTGGACTGGCACCTGATGCCCCCGAGAAATGGTGTCTCACC 81  
Qy 82 TGC 84  
Db 82 TGC 84

## RESULT 13

US-10-079-616-7  
; Sequence 7, Application US/10079616  
; Patent No. 6566097  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; MAEDA, Hiroaki

FUJIYASU, Takeshi  
IMAGAWA, Yoshitaka  
TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/079,616  
; FILING DATE: 22-Feb-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/011,143  
; FILING DATE: 04-FEB-1998  
; APPLICATION NUMBER: PCT/JP97/01824  
; FILING DATE: 29-MAY-1997  
; APPLICATION NUMBER: JP 165249/1996  
; FILING DATE: 04-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: IMAMURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 921 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
US-10-079-616-7  
Query Match 6.8%; Score 63; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 3.5e-22;  
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 22 GTTTATGTTGAGAGTTGGACTGGCACCTGATGCCCCCGAGAAATGGTGTCTCACC 81  
Db 22 GTTTATGTTGAGAGTTGGACTGGCACCTGATGCCCCCGAGAAATGGTGTCTCACC 81  
Qy 82 TGC 84  
Db 82 TGC 84  
RESULT 14  
US-08-186-529-1  
; Sequence 1, Application US/08186529  
; Patent No. 5573764  
; GENERAL INFORMATION:  
; APPLICANT: Sykes, Megan  
; APPLICANT: Wolf, Stanley F.  
; TITLE OF INVENTION: USE OF INTERLEUKIN-12 TO PREVENT  
; TITLE OF INVENTION: GRAFT-VERSUS-HOST DISEASE  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genetics Institute, Inc., Legal Affairs  
; STREET: 87 CambridgePark Drive  
; CITY: Cambridge  
; STATE: MA



COUNTRY: USA  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/186-529  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: McDaniel, Patricia A.  
REGISTRATION NUMBER: 33,194  
REFERENCE/DOCKET NUMBER: GI 5225  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-498-8401  
TELEFAX: 617-876-5851  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 987 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
ORGANISM: Homo sapiens  
CELL TYPE: Lymphoblast  
CELL LINE: RPMI 8866  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..987  
US-08-186-529-1

Query Match 5.0%; Score 46; DB 1; Length 987;  
Best Local Similarity 100.0%; Pred. No. 1.4e-13;  
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 581 TTCACAGCTCAAGTATGAAACTACACCAGCAGCTTCTTCATCAG 626  
|||||  
Db 644 TTCACAGCTCAAGTATGAAACTACACCAGCAGCTTCTTCATCAG 689

RESULT 15  
US-08-640-386A-1  
Sequence 1, Application US/08640386A  
Patent No. 5756085  
GENERAL INFORMATION:  
APPLICANT: Sykes, Megan  
APPLICANT: Wolf, Stanley F.  
TITLE OF INVENTION: USE OF INTERLEUKIN-12 TO PREVENT  
TITLE OF INVENTION: GRAFT-VERSUS-HOST DISEASE  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genetics Institute, Inc., Legal Affairs  
STREET: 87 CambridgePark Drive  
CITY: Cambridge  
STATE: MA  
COUNTRY: USA  
ZIP: 02140  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/640,386A  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Brown, Scott A.  
REGISTRATION NUMBER: 32,724  
REFERENCE/DOCKET NUMBER: GI 5225A

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-498-8224  
TELEFAX: 617-876-5851  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 987 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
ORGANISM: Homo sapiens  
CELL TYPE: Lymphoblast  
CELL LINE: RPMI 8866  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..987  
US-08-640-386A-1

Query Match 5.0%; Score 46; DB 1; Length 987;  
Best Local Similarity 100.0%; Pred. No. 1.4e-13;  
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 581 TTCACAGCTCAAGTATGAAACTACACCAGCAGCTTCTTCATCAG 626  
|||||  
Db 644 TTCACAGCTCAAGTATGAAACTACACCAGCAGCTTCTTCATCAG 689

Search completed: December 12, 2003, 09:29:50  
Job time : 62.3381 secs

GenCore version 5.1.1.6  
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OM nucleic - nucleic search, using sw model

Run on: December 12, 2003, 08:58:52 ; Search time 64.6619 Seconds  
(without alignments)  
6737.272 Million cell updates/sec

Title: US-09-917-265-58  
Perfect score: 987  
Sequence: 1 atgcaccctcagcagtggtggt.....gggcacatgtgtcatgcagt 987

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 569978 seqs, 220691566 residues

Word size : 0  
Total number of hits satisfying chosen parameters: 1139956

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents NA: \*  
1: /cgn2\_6/prodata/2/ina/5A\_COMB.seq: \*  
2: /cgn2\_6/prodata/2/ina/5B\_COMB.seq: \*  
3: /cgn2\_6/prodata/2/ina/6A\_COMB.seq: \*  
4: /cgn2\_6/prodata/2/ina/6B\_COMB.seq: \*  
5: /cgn2\_6/prodata/2/ina/FACTUS\_COMB.seq: \*  
6: /cgn2\_6/prodata/2/ina/backfiles1.seq: \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	974	98.7	990	3	US-09-079-984A-11
2	974	98.7	990	4	US-09-390-729-11
3	798	80.9	990	3	US-09-079-984A-1
4	798	80.9	990	4	US-09-390-729-1
5	66	6.7	921	4	US-09-011-143-6
6	66	6.7	921	4	US-09-302-495-6
7	66	6.7	921	4	US-10-079-616-6
8	66	6.7	2193	4	US-09-011-143-5
9	66	6.7	2193	4	US-09-302-495-5
10	66	6.7	2193	4	US-10-079-616-5
11	63	6.4	921	4	US-09-011-143-7
12	63	6.4	921	4	US-09-302-495-7
13	63	6.4	921	4	US-10-079-616-7
14	46	4.7	987	1	US-08-186-529-1
15	46	4.7	987	1	US-08-640-386A-1
16	46	4.7	987	3	US-08-848-760B-24
17	46	4.7	1018	2	US-08-184-009-194
18	46	4.7	1018	2	US-08-458-356-194
19	46	4.7	1018	3	US-08-460-736-194
20	46	4.7	1018	4	US-09-535-370-194
21	46	4.7	1399	2	US-08-751-767A-3
22	46	4.7	1560	2	US-08-751-767A-11
23	46	4.7	1823	2	US-08-751-767A-9
24	46	4.7	1870	4	US-09-310-842-4
25	46	4.7	2318	4	US-09-851-062-3
26	46	4.7	2362	1	US-08-265-087-1
27	46	4.7	2362	1	US-08-621-493-1

28	46	4.7	2362	2	US-08-965-688-1	Sequence 1, Appli
29	46	4.7	2362	3	US-09-260-173-1	Sequence 1, Appli
30	46	4.7	2362	4	US-09-924-703-3	Sequence 3, Appli
31	46	4.7	6139	2	US-08-751-767A-7	Sequence 7, Appli
32	24	2.4	39	3	US-09-079-984A-13	Sequence 13, Appli
33	24	2.4	39	4	US-09-390-729-13	Sequence 13, Appli
34	21	2.1	44	4	US-09-011-143-14	Sequence 14, Appli
35	21	2.1	44	4	US-09-302-495-14	Sequence 14, Appli
36	21	2.1	44	4	US-10-079-616-14	Sequence 14, Appli
37	20	2.0	20	4	US-09-851-062-17	Sequence 17, Appli
38	20	2.0	20	4	US-09-851-062-23	Sequence 23, Appli
39	20	2.0	20	4	US-09-851-062-33	Sequence 33, Appli
40	20	2.0	39	3	US-09-079-984A-14	Sequence 14, Appli
41	20	2.0	39	4	US-09-390-729-14	Sequence 14, Appli
42	20	2.0	1061	2	US-08-385-335A-13	Sequence 13, Appli
43	20	2.0	6295	2	US-08-659-206A-4	Sequence 4, Appli
44	20	2.0	7287	2	US-08-659-206A-1	Sequence 1, Appli
45	19	1.9	21	4	US-09-347-343-35	Sequence 35, Appli

ALIGNMENTS

RESULT 1  
US-09-079-984A-11  
; Sequence 11, Application US/09079984A  
; Patent No. 6231850  
; GENERAL INFORMATION:  
; APPLICANT: Okano, Fumiyoshi, Satoh, Masahiro,  
; APPLICANT: Yamada, Katsushige  
; TITLE OF INVENTION: Canine interleukin 12, a production method  
; TITLE OF INVENTION: thereof, an immune disease treatment method and preventive  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Miller & Christenbury Intellectual Property  
; ADDRESSEE: Department of Schnader, Harrison, Segal and Lewis, LLP  
; STREET: 1600 Market Street, 39th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC Compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/079,984A  
; FILING DATE: 15-MAY-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Austin R. Miller  
; REGISTRATION NUMBER: 16,602  
; REFERENCE/DOCKET NUMBER: 1051-98  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 563-1810  
; TELEFAX: (215) 568-6946  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 990 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; ORIGINAL SOURCE:  
; ORGANISM: Canis familiaris  
; FEATURE:  
; NAME/KEY: Canine IL12  
; LOCATION: 1 to 987  
; IDENTIFICATION METHOD: Similarity  
US-09-079-984A-11

Query Match 98.7%; Score 974; DB 3; Length 990;

Best Local Similarity 100.0%; Pred. No. 0;		Matches 974; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	7	CCTCAGCAGTGGTGCATCTCTCGTGGTTTCCCTCGTTTGGTGGGCTCCCTCATGGCC	66
Db	7	CCTCAGCAGTGGTGCATCTCTCGTGGTTTCCCTCGTTTGGTGGGCTCCCTCATGGCC	66
Qy	67	ATATGGGAACCTGGGAGAAAGATGTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCCC	126
Db	67	ATATGGGAACCTGGGAGAAAGATGTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCCC	126
Qy	127	GGAGAAATGGTGGTCTCCTCAGTCCATACCCCTGAAGAAGATGACATCACTTGGACCTCA	186
Db	127	GGAGAAATGGTGGTCTCCTCAGTCCATACCCCTGAAGAAGATGACATCACTTGGACCTCA	186
Qy	187	GGCAGAGCAGTGAAGTCTTAGTCTGGTAAACTCTGACCATCCCAAGTCAAGAAATTT	246
Db	187	GGCAGAGCAGTGAAGTCTTAGTCTGGTAAACTCTGACCATCCCAAGTCAAGAAATTT	246
Qy	247	GGAGATGCTGGCCAGTATACCTGCGCATAAAGGAGGCAAGTTCCTGAGCCGCTCACTCTG	306
Db	247	GGAGATGCTGGCCAGTATACCTGCGCATAAAGGAGGCAAGTTCCTGAGCCGCTCACTCTG	306
Qy	307	TTGATTTCACAAAAAAGAGATGGAATTTGGTCCACTGATATCTTTAAAGGAACAGAAAGAA	366
Db	307	TTGATTTCACAAAAAAGAGATGGAATTTGGTCCACTGATATCTTTAAAGGAACAGAAAGAA	366
Qy	367	TCCAAAAATAGATCTTTTGAAATGTGAGGCAAGAAATTTCTGACAGTTCACATGC	426
Db	367	TCCAAAAATAGATCTTTTGAAATGTGAGGCAAGAAATTTCTGACAGTTCACATGC	426
Qy	427	TGTTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTACAGAGGCTTC	486
Db	427	TGTTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAAGTACAGAGGCTTC	486
Qy	487	TCTGACCCCCAAGGGGTGACATGTGGAGCAGTGCACATTTTCAGCAGAGAGGGTCAGAGTG	546
Db	487	TCTGACCCCCAAGGGGTGACATGTGGAGCAGTGCACATTTTCAGCAGAGAGGGTCAGAGTG	546
Qy	547	GACAAACAGGATTTAAGAAGTACACAGTGAAGTGTGAGGAGGAGTGCCTGCCCTCT	606
Db	547	GACAAACAGGATTTAAGAAGTACACAGTGAAGTGTGAGGAGGAGTGCCTGCCCTCT	606
Qy	607	GCCGAGGAGACCTACCCATCGAGTGTGGTGGATGCTATTCAAGCTCAAGTATGAA	666
Db	607	GCCGAGGAGACCTACCCATCGAGTGTGGTGGATGCTATTCAAGCTCAAGTATGAA	666
Qy	667	AACTACACACAGCAGTCTTTCATCAGAGACATCATCAAAACAGACCCACCAAAACCTG	726
Db	667	AACTACACACAGCAGTCTTTCATCAGAGACATCATCAAAACAGACCCACCAAAACCTG	726
Qy	727	CAGCTGAAGCCATTGAAATTTCTCGGCACGTGGAGGTGACCTGGGAATACCCGACACC	786
Db	727	CAGCTGAAGCCATTGAAATTTCTCGGCACGTGGAGGTGACCTGGGAATACCCGACACC	786
Qy	787	TGGAGCACCCACATCT	846
Db	787	TGGAGCACCCACATCT	846
Qy	847	AATAGAGAAAAGAAATAGACTCTGCGTGGACAAAGCTTCAGCCCAAGGTCTGTGGCCAC	906
Db	847	AATAGAGAAAAGAAATAGACTCTGCGTGGACAAAGCTTCAGCCCAAGGTCTGTGGCCAC	906
Qy	907	AAGATGCAAGATCCGCGTGGACCCGAGACCCGCTACTATAGTTTCTCTGGAGGAC	966
Db	907	AAGATGCAAGATCCGCGTGGACCCGAGACCCGCTACTATAGTTTCTCTGGAGGAC	966
Qy	967	TGGGCATCTGTGTC 980	
Db	967	TGGGCATCTGTGTC 980	

US-09-390-729-11  
; Sequence 11, Application US/09390729  
; Patent No. 6562334  
; GENERAL INFORMATION:  
; APPLICANT: Okano, Funiyoshi, Satoh, Masahiro,  
; APPLICANT: Yamada, Katsushige  
; TITLE OF INVENTION: Canine interleukin 12, a production method  
; TITLE OF INVENTION: thereof, an immune disease treatment method and preventive  
; TITLE OF INVENTION: method using it  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Miller & Christenbury Intellectual Property  
; ADDRESSEE: Department of Schnader, Harrison, Segal and Lewis, LLP  
; STREET: 1600 Market Street, 39th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/390,729  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/079,984  
; FILING DATE: 15-MAY-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Austin R. Miller  
; REGISTRATION NUMBER: 16,602  
; REFERENCE/DOCKET NUMBER: 1051-98  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 563-1810  
; TELEFAX: (215) 568-6946  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 990 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; ORIGINAL SOURCE:  
; ORGANISM: Canis familiaris  
; FEATURE:  
; NAME/KEY: Canine IL12  
; LOCATION: 1 to 987  
; IDENTIFICATION METHOD: Similarity  
US-09-390-729-11

Query Match 98.7%; Score 974; DB 4; Length 990;		Best Local Similarity 100.0%; Pred. No. 0;		Matches 974; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	7	CCTCAGCAGTGGTGCATCTCTCGTGGTTTCCCTCGTTTGGTGGGCTCCCTCATGGCC	66		
Db	7	CCTCAGCAGTGGTGCATCTCTCGTGGTTTCCCTCGTTTGGTGGGCTCCCTCATGGCC	66		
Qy	67	ATATGGGAACCTGGGAGAAAGATGTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCCC	126		
Db	67	ATATGGGAACCTGGGAGAAAGATGTTATGTTGTAGAGTTGGACTGGCACCTGATGCCCCC	126		
Qy	127	GGAGAAATGGTGGTCTCCTCAGCTCCATACCCCTGAAGAAGATGACATCACTTGGACCTCA	186		
Db	127	GGAGAAATGGTGGTCTCCTCAGCTCCATACCCCTGAAGAAGATGACATCACTTGGACCTCA	186		
Qy	187	GGCAGAGCAGTGAAGTCTTAGTCTGGTAAACTCTGACCATCCCAAGTCAAGAAATTT	246		
Db	187	GGCAGAGCAGTGAAGTCTTAGTCTGGTAAACTCTGACCATCCCAAGTCAAGAAATTT	246		
Qy	247	GGAGATGCTGGCCAGTATACCTGCGCATAAAGGAGGCAAGTTCCTGAGCCGCTCACTCTG	306		

Db 247 GGAGATGCTGGCCAGTATACCTGGCCATAAAGGAGGCAAGGTTCTGAGCGGCTCACTCTG 306  
Qy 307 TTGATTACAAAAGAGAGATGGAATTTGGTCCACTGATATCTTAAAGGAACAGAGAA 366  
Db 307 TTGATTACAAAAGAGAGATGGAATTTGGTCCACTGATATCTTAAAGGAACAGAGAA 366  
Qy 367 TCCAAAATAAGATCTTTCTGAAATGTGAGGCAAAAGAAATTAATCTGGACGTTTCAATGC 426  
Db 367 TCCAAAATAAGATCTTTCTGAAATGTGAGGCAAAAGAAATTAATCTGGACGTTTCAATGC 426  
Qy 427 TGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAGTAGCAGAGGCTTC 486  
Db 427 TGGTGGCTGACGGCAATCAGTACTGATTTGAAATTCAGTGTCAAAGTAGCAGAGGCTTC 486  
Qy 487 TCTGACCCCAAGGGGTGACATGTGAGCAGTGACACTTTTACGACAGAGGCTCAGAGTG 546  
Db 487 TCTGACCCCAAGGGGTGACATGTGAGCAGTGACACTTTTACGACAGAGGCTCAGAGTG 546  
Qy 547 GACAAACAGGGATTATAAGAGTACACAGTGGAGTGTGAGGAGGCGAGTGCCTGCCCTCT 606  
Db 547 GACAAACAGGGATTATAAGAGTACACAGTGGAGTGTGAGGAGGCGAGTGCCTGCCCTCT 606  
Qy 607 GCCGAGGAGAGCTACCCATCAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAG 666  
Db 607 GCCGAGGAGAGCTACCCATCAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAG 666  
Qy 667 AACTACACAGCAGCTTCTTCATCAGACATCATCAACAGACCCACCCACCAACCTG 726  
Db 667 AACTACACAGCAGCTTCTTCATCAGACATCATCAACAGACCCACCCACCAACCTG 726  
Qy 727 CAGCTGAAGCCATTGAAAATTTCTCGGACAGTGGAGTGTGAGTGTGAGTGTGAGTGTGAG 786  
Db 727 CAGCTGAAGCCATTGAAAATTTCTCGGACAGTGGAGTGTGAGTGTGAGTGTGAGTGTGAG 786  
Qy 787 TGGAGCACCCACATCT 846  
Db 787 TGGAGCACCCACATCT 846  
Qy 847 AATAGAGAAAGAGATAGACTCTGCGTGACAGAGCTCAGCCAGAGCTGCTGAGCCAC 906  
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Qy 907 AAGGATGCAAGATCCGGTGTCAAGCCGAGACCCGCTACTATAGTTCTCTGAGCGAC 966  
Db 907 AAGGATGCAAGATCCGGTGTCAAGCCGAGACCCGCTACTATAGTTCTCTGAGCGAC 966  
Qy 967 TGGCATCTGTGTC 980  
Db 967 TGGCATCTGTGTC 980

## RESULT 3

US-09-079-984A-1  
; Sequence 1, Application US/09079984A  
; Patent No. 6231850

; GENERAL INFORMATION:  
; APPLICANT: Okano, Fumiyoshi, Satoh, Masahiro,  
; APPLICANT: Yamada, Katsushige  
; TITLE OF INVENTION: Canine interleukin 12, a production method  
; TITLE OF INVENTION: thereof, an immune disease treatment method and preventive  
; TITLE OF INVENTION: method using it  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Miller & Christenbury Intellectual Property  
; ADDRESSEE: Department of Schnader, Harrison, Segal and Lewis, LLP  
; STREET: 1600 Market Street, 39th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/079,984A  
; FILING DATE: 15-MAY-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Austin R. Miller  
; REGISTRATION NUMBER: 16,602  
; REFERENCE/DOCKET NUMBER: 1051-98  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 563-1810  
; TELEFAX: (215) 568-6946  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 990 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; ORIGINAL SOURCE:  
; ORGANISM: Canis familiaris  
; FEATURE:  
; NAME/KEY: Canine IL12  
; LOCATION: 1 to 987  
; IDENTIFICATION METHOD: Similarity  
; US-09-079-984A-1

Query Match 80.9%; Score 798; DB 3; Length 990;  
Best Local Similarity 99.7%; Pred. No. 0;  
Matches 948; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 28 TGGTTTTCCCTCGTTTGTGGCGTCTCCCTCATGGCCATATGGAACTGGAGAAAGAT 87  
Db 28 TGGTTTTCCCTCGTTTGTGGCGTCTCCCTCATGGCCATATGGAACTGGAGAAAGAT 87  
Qy 88 GTTTATGTGTAGAGTTGGACTGGCACCTGATGCCCGGAGAAATGGTGTCTCTCACC 147  
Db 88 GTTTATGTGTAGAGTTGGACTGGCACCTGATGCCCGGAGAAATGGTGTCTCTCACC 147  
Qy 148 TGCCATACCCCTGAAGAAGATGACATCACTTGGACCTCAGCGCAGAGCAGTGAAGTCTTA 207  
Db 148 TGCCATACCCCTGAAGAAGATGACATCACTTGGACCTCAGCGCAGAGCAGTGAAGTCTTA 207  
Qy 208 GGTTCGTGTAATACTCTGACCATCAAGTCAAGAAATTTGGAGATGCTGGCCAGTATACC 267  
Db 208 GGTTCGTGTAATACTCTGACCATCAAGTCAAGAAATTTGGAGATGCTGGCCAGTATACC 267  
Qy 268 TGCCATAAAGAGGCAAGGTTCTGAGCGGCTCACTCTGTTGATTCACAAAAAGAGAT 327  
Db 268 TGCCATAAAGAGGCAAGGTTCTGAGCGGCTCACTCTGTTGATTCACAAAAAGAGAT 327  
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Db 328 GGAATTTGGTCCACTGATATCTTAAAGGAACAGAAAGAAATCCAAAATAAGATCTTTCTG 387  
Qy 388 AAATGTGAGGCAAAAGAAATTTCTGAGCGTTTCAATGCTGTGGCTGAGCGCAATCAGT 447  
Db 388 AAATGTGAGGCAAAAGAAATTTCTGAGCGTTTCAATGCTGTGGCTGAGCGCAATCAGT 447  
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Db 448 ACTGATTTGAAATTCAGTGTCAAAGTAGCAGAGGCTTCTCTGACCCCAAGGGGTGACA 507  
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Qy 568 TACACAGTGGAGTGTGAGGAGGCGCTGCGCCCTCTGCGGAGGAGGCTACCCATC 627  
Db 568 TACACAGTGGAGTGTGAGGAGGCGCTGCGCCCTCTGCGGAGGAGGCTACCCATC 627  
Qy 628 GAGGTGCTGGTGGATGCTATTTCACAAAGCTCAAGTATGAAACTACACCCAGAGCTTTCTTC 687  
Db 628 GAGGTGCTGGTGGATGCTATTTCACAAAGCTCAAGTATGAAACTACACCCAGAGCTTTCTTC 687

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QY 688 ATCAGAGACATCATCAACACGAGCCACCCACCAAACTGAGCTGAGCCATTGAAAT 747  
Db 688 ATCAGAGACATCATCAACACGAGCCACCCACCAAACTGAGCTGAGCCATTGAAAT 747  
QY 748 TCTCGGACCTGGAGGTGAGTGGATATCCCGACACCTGGAGCACCCACACATTCCTAC 807  
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QY 808 TTCTCCCTGCATTTTGCATACAGGCCAGGCAAGCAACAATAGAGAAAAGAAAGATAGA 867  
Db 808 TTCTCCCTGCATTTTGCATACAGGCCAGGCAAGCAACAATAGAGAAAAGAAAGATAGA 867  
QY 868 CTCTGGGTGACCAAGCTCAGCCAGGTGCTGTGCGCACAGGATGCCAGATCCCGGTG 927  
Db 868 CTCTGGGTGACCAAGCTCAGCCAGGTGCTGTGCGCACAGGATGCCAGATCCCGGTG 927  
QY 928 CAAGCCGAGACCGCTACTATAGTTTCACTCTGGAGCGACTGGGCACTGTG 978  
Db 928 CAAGCCGAGACCGCTACTATAGTTTCACTCTGGAGCGACTGGGCACTGTG 978

## RESULT 4

US-09-390-729-1  
; Sequence 1, Application US/09390729  
; Patent No. 6562334  
; GENERAL INFORMATION:  
; APPLICANT: Okano, Fumiyooshi, Satoh, Masahiro,  
; APPLICANT: Yamada, Katsuhige  
; TITLE OF INVENTION: Canine interleukin 12, a production method  
; TITLE OF INVENTION: thereof, an immune disease treatment method and preventive  
; TITLE OF INVENTION: method using it  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Miller & Christenbury Intellectual Property  
; ADDRESSEE: Department of Schnader, Harrison, Segal and Lewis, LLP  
; STREET: 1600 Market Street, 39th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/390,729  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/079,984  
; FILING DATE: 15-MAY-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Austin R. Miller  
; REGISTRATION NUMBER: 16,602  
; REFERENCE/DOCKET NUMBER: 1051-98  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 563-1810  
; TELEFAX: (215) 568-6946  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 990 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA to mRNA  
; ORIGINAL SOURCE:  
; ORGANISM: Canis familiaris  
; FEATURE:  
; NAME/KEY: Canine IL12  
; LOCATION: 1 to 987  
; IDENTIFICATION METHOD: Similarity

US-09-390-729-1  
Query Match 80.9%; Score 798; DB 4; Length 990;  
Best Local Similarity 99.7%; Pred. No. 0;  
Matches 948; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 28 TGGTTTTCCTCGTTTGTGTCGCTCTCCCTCATGGCCATATGGAACTGGAGAAAGAT 87  
Db 28 TGGTTTTCCTCGTTTGTGTCGCTCTCCCTCATGGCCATATGGAACTGGAGAAAGAT 87  
QY 88 GTTTATGTTGTAGAGTTGGACCTGGCACCTCTGATGCCCCCGGAGAAATGTTGTTCTCACC 147  
Db 88 GTTTATGTTGTAGAGTTGGACCTGGCACCTCTGATGCCCCCGGAGAAATGTTGTTCTCACC 147  
QY 148 TGCCATACCCCTGAAGAGATGACATCACTTCGACCTCAGCCAGCAGCAGAGTGAAGTCTTA 207  
Db 148 TGCCATACCCCTGAAGAGATGACATCACTTCGACCTCAGCCAGCAGAGTGAAGTCTTA 207  
QY 208 GGTTCCTGGTAAAACTCTGACCATCCAAAGTCAAAGAAATTTGGAGATGCTGGCCAGTATACC 267  
Db 208 GGTTCCTGGTAAAACTCTGACCATCCAAAGTCAAAGAAATTTGGAGATGCTGGCCAGTATACC 267  
QY 268 TGCCATAAAGAGGCGCAAGGTTCTGAGCCGCTCACTCTCTGTTGATTCAAAAAAAGAGAT 327  
Db 268 TGCCATAAAGAGGCGCAAGGTTCTGAGCCGCTCACTCTCTGTTGATTCAAAAAAAGAGAT 327  
QY 328 GGAATTTGGTCCACTGATATCTTAAAGGAAACAGAAAGAAATCCAAAAATAGATCTTTCTG 387  
Db 328 GGAATTTGGTCCACTGATATCTTAAAGGAAACAGAAAGAAATCCAAAAATAGATCTTTCTG 387  
QY 388 AAATGTGAGGCAAGAAATTTATCTGGACGTTTCAATGCTGGTGGCTGACGGCAATCAGT 447  
Db 388 AAATGTGAGGCAAGAAATTTATCTGGACGTTTCAATGCTGGTGGCTGACGGCAATCAGT 447  
QY 448 ACTGATTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTCTCTGACCCCAAGGGGTGACA 507  
Db 448 ACTGATTGAAATTCAGTGTCAAAAGTAGCAGAGGCTTCTCTGACCCCAAGGGGTGACA 507  
QY 508 TGTGGAGCAGTACACTTTTCAAGCAGAGAGGTCAGAGTGGACAAACAGGAGTTATAGNAG 567  
Db 508 TGTGGAGCAGTACACTTTTCAAGCAGAGAGGTCAGAGTGGACAAACAGGAGTTATAGNAG 567  
QY 568 TACACAGTGGAGTGTGAGGAGGCGCTGCTGCGCCCTCTGCGGAGAGAGCCCTACCCATC 627  
Db 568 TACACAGTGGAGTGTGAGGAGGCGCTGCTGCGCCCTCTGCGGAGAGAGCCCTACCCATC 627  
QY 628 GAGGTCTGTGGTGTCTATTCAAAAGTCAAGTATGAAACTTACACCCAGCAGCTTCTTC 687  
Db 628 GAGGTCTGTGGTGTCTATTCAAAAGTCAAGTATGAAACTTACACCCAGCAGCTTCTTC 687  
QY 688 ATCAGAGACATCATCAACACGAGCCACCCACCAAACTGCGAGCTGAGCCATTGAAAT 747  
Db 688 ATCAGAGACATCATCAACACGAGCCACCCACCAAACTGCGAGCTGAGCCATTGAAAT 747  
QY 748 TCTCGGACCTGGAGGTGAGTGGATATCCCGACACCTGGAGCACCCACACATTCCTAC 807  
Db 748 TCTCGGACCTGGAGGTGAGTGGATATCCCGACACCTGGAGCACCCACACATTCCTAC 807  
QY 808 TTCTCCCTGCATTTTGCATACAGGCCAGGCAAGCAACAATAGAGAAAAGAAAGATAGA 867  
Db 808 TTCTCCCTGCATTTTGCATACAGGCCAGGCAAGCAACAATAGAGAAAAGAAAGATAGA 867  
QY 868 CTCTGGGTGACCAAGCTCAGCCAGGTGCTGTGCGCACAGGATGCCAGATCCCGGTG 927  
Db 868 CTCTGGGTGACCAAGCTCAGCCAGGTGCTGTGCGCACAGGATGCCAGATCCCGGTG 927  
QY 928 CAAGCCGAGACCGCTACTATAGTTTCACTCTGGAGCGACTGGGCACTGTG 978  
Db 928 CAAGCCGAGACCGCTACTATAGTTTCACTCTGGAGCGACTGGGCACTGTG 978

RESULT 5

US-09-011-143-6

```
Sequence 6, Application US/09011143
Patent No. 6472509
GENERAL INFORMATION:
APPLICANT: IMAMURA, Takayuki
APPLICANT: MAEDA, Hiroaki
APPLICANT: FUJIYASU, Takeshi
APPLICANT: IMAGAWA, Yoshitaka
APPLICANT: TOKIYOSHI, Sachio
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/011,143
FILING DATE: 04-FEB-1998
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP97/01824
FILING DATE: 29-MAY-1997
APPLICATION DATA:
FILING DATE: 04-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: IMAMURA-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 921 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-011-143-6
Query Match 6.7%; Score 66; DB 4; Length 921;
Best Local Similarity 100.0%; Pred. No. 1.7e-23;
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 537 GGTGAGTGGACACAGGGATTATAAGAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 596
Db 471 GGTGAGTGGACACAGGGATTATAAGAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 530

QY 597 CTGCCC 602
Db 531 CTGCCC 536

RESULT 6
US-09-302-495-6
Sequence 6, Application US/09302495
Patent No. 6518045
GENERAL INFORMATION:
APPLICANT: IMAMURA, Takayuki
APPLICANT: MAEDA, Hiroaki
APPLICANT: FUJIYASU, Takeshi
APPLICANT: IMAGAWA, Yoshitaka
APPLICANT: TOKIYOSHI, Sachio
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/011,143
FILING DATE: 04-FEB-1998
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP97/01824
FILING DATE: 29-MAY-1997
APPLICATION DATA:
FILING DATE: 04-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: IMAMURA-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 921 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-011-143-6
Query Match 6.7%; Score 66; DB 4; Length 921;
Best Local Similarity 100.0%; Pred. No. 1.7e-23;
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 537 GGTGAGTGGACACAGGGATTATAAGAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 596
Db 471 GGTGAGTGGACACAGGGATTATAAGAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 530

QY 597 CTGCCC 602
Db 531 CTGCCC 536

RESULT 7
US-10-079-616-6
Sequence 6, Application US/10079616
Patent No. 6566097
GENERAL INFORMATION:
APPLICANT: IMAMURA, Takayuki
APPLICANT: MAEDA, Hiroaki
APPLICANT: FUJIYASU, Takeshi
APPLICANT: IMAGAWA, Yoshitaka
APPLICANT: TOKIYOSHI, Sachio
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 419 Seventh Street, N.W., Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/302,495
FILING DATE: 30-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/011,143
FILING DATE: 04-FEB-1998
APPLICATION DATA:
FILING DATE: 29-MAY-1997
APPLICATION NUMBER: JP 165249/1996
FILING DATE: 04-JUN-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: IMAMURA-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 921 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-302-495-6
Query Match 6.7%; Score 66; DB 4; Length 921;
Best Local Similarity 100.0%; Pred. No. 1.7e-23;
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 537 GGTGAGTGGACACAGGGATTATAAGAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 596
Db 471 GGTGAGTGGACACAGGGATTATAAGAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 530

QY 597 CTGCCC 602
Db 531 CTGCCC 536
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MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/079,616  
FILING DATE: 22-Feb-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/011,143  
FILING DATE: 04-FEB-1998  
APPLICATION NUMBER: PCT/JP97/01824  
FILING DATE: 29-MAY-1997  
APPLICATION NUMBER: JP 165249/1996  
FILING DATE: 04-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, Roger L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: INAMURA=1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 921 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-10-079-616-6

Query Match 6.7%; Score 66; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 1.7e-23;  
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 537 GGTGAGGTGGACACACAGGGATTATAGAAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 596  
Db 471 GGTGAGGTGGACACACAGGGATTATAGAAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 530  
QY 597 CTGCCC 602  
Db 531 CTGCCC 536

RESULT 8  
US-09-011-143-5  
Sequence 5, Application US/09011143  
Patent No. 6472509  
GENERAL INFORMATION:  
APPLICANT: IMAMURA, Takayuki  
APPLICANT: MAEDA, Hiroaki  
APPLICANT: FUJIYASU, Takeshi  
APPLICANT: IMAGAWA, Yoshitaka  
APPLICANT: TOKIYOSHI, Sachio  
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/011,143  
FILING DATE: 04-FEB-1998  
CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP97/01824  
FILING DATE: 29-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 165249/1996  
FILING DATE: 04-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, Roger L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: INAMURA=1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2193 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-09-011-143-5  
Query Match 6.7%; Score 66; DB 4; Length 2193;  
Best Local Similarity 100.0%; Pred. No. 1.7e-23;  
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 537 GGTGAGGTGGACACACAGGGATTATAGAAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 596  
Db 600 GGTGAGGTGGACACACAGGGATTATAGAAGTACACAGTGGAGTGTTCAGGAGGGCAGTGC 659  
QY 597 CTGCCC 602  
Db 660 CTGCCC 665

RESULT 9  
US-09-302-495-5  
Sequence 5, Application US/09302495  
Patent No. 6518045  
GENERAL INFORMATION:  
APPLICANT: IMAMURA, Takayuki  
APPLICANT: MAEDA, Hiroaki  
APPLICANT: FUJIYASU, Takeshi  
APPLICANT: IMAGAWA, Yoshitaka  
APPLICANT: TOKIYOSHI, Sachio  
TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/302,495  
FILING DATE: 30-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/011,143  
FILING DATE: 04-FEB-1998  
APPLICATION NUMBER: PCT/JP97/01824  
FILING DATE: 29-MAY-1997  
APPLICATION NUMBER: JP 165249/1996  
FILING DATE: 04-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, Roger L.  
REGISTRATION NUMBER: 25,618

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; REFERENCE/DOCKET NUMBER: IMAMURA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2193 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-302-495-5
Query Match 6.7%; Score 66; DB 4; Length 2193;
Best Local Similarity 100.0%; Pred. No. 1.7e-23;
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 537 GGTCTAGAGTGGACACACAGGGATTATAAGAGTACACAGTGGAGTGTCTCAGAGGGCAGTGC 596
Db 600 GGTCTAGAGTGGACACACAGGGATTATAAGAGTACACAGTGGAGTGTCTCAGAGGGCAGTGC 659

QY 597 CTGCCC 602
Db 660 CTGCCC 665

RESULT 10
US-10-079-616-5
; Sequence 5, Application US/10079616
; Patent No. 6566097
; GENERAL INFORMATION:
; APPLICANT: IMAMURA, Takayuki
; MAEDA, Hiroaki
; FUJIYASU, Takeshi
; IMAGAWA, Yoshitaka
; TOKIYOSHI, Sachio
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/079,616
; FILING DATE: 22-Feb-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/011,143
; FILING DATE: 04-FEB-1998
; APPLICATION NUMBER: PCT/JP97/01824
; FILING DATE: 29-MAY-1997
; APPLICATION NUMBER: JP 165249/1996
; FILING DATE: 04-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: IMAMURA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2193 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-011-143-7
Query Match 6.4%; Score 63; DB 4; Length 921;
Best Local Similarity 100.0%; Pred. No. 5.3e-22;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-079-616-5
Query Match 6.7%; Score 66; DB 4; Length 2193;
Best Local Similarity 100.0%; Pred. No. 1.7e-23;
Matches 66; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 537 GGTCTAGAGTGGACACACAGGGATTATAAGAGTACACAGTGGAGTGTCTCAGAGGGCAGTGC 596
Db 600 GGTCTAGAGTGGACACACAGGGATTATAAGAGTACACAGTGGAGTGTCTCAGAGGGCAGTGC 659

QY 597 CTGCCC 602
Db 660 CTGCCC 665

RESULT 11
US-09-011-143-7
; Sequence 7, Application US/09011143
; Patent No. 6472509
; GENERAL INFORMATION:
; APPLICANT: IMAMURA, Takayuki
; APPLICANT: MAEDA, Hiroaki
; APPLICANT: FUJIYASU, Takeshi
; APPLICANT: IMAGAWA, Yoshitaka
; APPLICANT: TOKIYOSHI, Sachio
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/011,143
; FILING DATE: 04-FEB-1998
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/01824
; FILING DATE: 29-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 165249/1996
; FILING DATE: 04-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: IMAMURA=1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 921 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-011-143-7
Query Match 6.4%; Score 63; DB 4; Length 921;
Best Local Similarity 100.0%; Pred. No. 5.3e-22;
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 88 GTTTATGTTGTAGAGTTGGACTGGCACCCTGATGCCCGGAGAAATGGTGGTCTCACC 147  
Db 22 GTTTATGTTGTAGAGTTGGACTGGCACCCTGATGCCCGGAGAAATGGTGGTCTCACC 81

Qy 148 TGC 150  
Db 82 TGC 84

## RESULT 12

US-09-302-495-7  
; Sequence 7, Application US/09302495  
; Patent No. 6518045  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; MAEDA, Hiroaki  
; FUJIYASU, Takeshi  
; IMAGAWA, Yoshitaka  
; TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/302,495  
; FILING DATE: 30-Apr-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/011,143  
; FILING DATE: 04-FEB-1998  
; APPLICATION NUMBER: PCT/JP97/01824  
; FILING DATE: 29-MAY-1997  
; APPLICATION NUMBER: JP 165249/1996  
; FILING DATE: 04-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: IMAMURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 921 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-302-495-7  
Query Match 6.4%; Score 63; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 5.3e-22;  
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 88 GTTTATGTTGTAGAGTTGGACTGGCACCCTGATGCCCGGAGAAATGGTGGTCTCACC 147  
Db 22 GTTTATGTTGTAGAGTTGGACTGGCACCCTGATGCCCGGAGAAATGGTGGTCTCACC 81  
Qy 148 TGC 150  
Db 82 TGC 84

Query Match 6.4%; Score 63; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 5.3e-22;  
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 88 GTTTATGTTGTAGAGTTGGACTGGCACCCTGATGCCCGGAGAAATGGTGGTCTCACC 147  
Db 22 GTTTATGTTGTAGAGTTGGACTGGCACCCTGATGCCCGGAGAAATGGTGGTCTCACC 81  
Qy 148 TGC 150  
Db 82 TGC 84

## RESULT 13

US-10-079-616-7  
; Sequence 7, Application US/10079616  
; Patent No. 6566097  
; GENERAL INFORMATION:  
; APPLICANT: IMAMURA, Takayuki  
; MAEDA, Hiroaki  
; FUJIYASU, Takeshi  
; IMAGAWA, Yoshitaka  
; TOKIYOSHI, Sachio  
; TITLE OF INVENTION: NOVEL FELINE CYTOKINE PROTEIN  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BROWDY AND NEIMARK  
; STREET: 419 Seventh Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/079,616  
; FILING DATE: 22-Feb-2002  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/011,143  
; FILING DATE: 04-FEB-1998  
; APPLICATION NUMBER: PCT/JP97/01824  
; FILING DATE: 29-MAY-1997  
; APPLICATION NUMBER: JP 165249/1996  
; FILING DATE: 04-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: IMAMURA=1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-628-5197  
; TELEFAX: 202-737-3528  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 921 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-10-079-616-7  
Query Match 6.4%; Score 63; DB 4; Length 921;  
Best Local Similarity 100.0%; Pred. No. 5.3e-22;  
Matches 63; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 88 GTTTATGTTGTAGAGTTGGACTGGCACCCTGATGCCCGGAGAAATGGTGGTCTCACC 147  
Db 22 GTTTATGTTGTAGAGTTGGACTGGCACCCTGATGCCCGGAGAAATGGTGGTCTCACC 81  
Qy 148 TGC 150  
Db 82 TGC 84

## RESULT 14

US-08-186-529-1  
; Sequence 1, Application US/08186529  
; Patent No. 5573764  
; GENERAL INFORMATION:  
; APPLICANT: Sykes, Megan  
; APPLICANT: Wolf, Stanley F.

;; TITLE OF INVENTION: USE OF INTERLEUKIN-12 TO PREVENT  
;; TITLE OF INVENTION: GRAFT-VERSUS-HOST DISEASE  
;; NUMBER OF SEQUENCES: 4  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Genetics Institute, Inc., Legal Affairs  
;; STREET: 87 CambridgePark Drive  
;; CITY: Cambridge  
;; STATE: MA  
;; COUNTRY: USA  
;; ZIP: 02140  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA: US/08/186,529  
;; FILING DATE:  
;; CLASSIFICATION: 424  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: McDaniel, Patricia A.  
;; REGISTRATION NUMBER: 33,194  
;; REFERENCE/DOCKET NUMBER: GI 5225  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-498-8401  
;; TELEFAX: 617-876-5851  
;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 987 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; ORIGINAL SOURCE:  
;; ORGANISM: Homo sapiens  
;; CELL TYPE: Lymphoblast  
;; CELL LINE: RPMI 8866  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: 1..987  
;;  
US-08-186-529-1

Query Match 4.7%; Score 46; DB 1; Length 987;  
Best Local Similarity 100.0%; Pred. No. 1.8e-13;  
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 647 TTCACAAGCTCAAGTATGAAACTACACCAGCAGCTTCTTCATCAG 692  
|||  
Db 644 TTCACAAGCTCAAGTATGAAACTACACCAGCAGCTTCTTCATCAG 689

## RESULT 15

US-08-640-386A-1  
;; Sequence 1, Application US/08640386A  
;; Patent No. 5756085  
;; GENERAL INFORMATION:  
;; APPLICANT: Sykes, Megan  
;; APPLICANT: Wolf, Stanley P.  
;; TITLE OF INVENTION: USE OF INTERLEUKIN-12 TO PREVENT  
;; TITLE OF INVENTION: GRAFT-VERSUS-HOST DISEASE  
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;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Genetics Institute, Inc., Legal Affairs  
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;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25

;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/640,386A  
;; FILING DATE:  
;; CLASSIFICATION: 424  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Brown, Scott A.  
;; REGISTRATION NUMBER: 32,724  
;; REFERENCE/DOCKET NUMBER: GI 5225A  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 617-498-8224  
;; TELEFAX: 617-876-5851  
;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 987 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; ORIGINAL SOURCE:  
;; ORGANISM: Homo sapiens  
;; CELL TYPE: Lymphoblast  
;; CELL LINE: RPMI 8866  
;; FEATURE:  
;; NAME/KEY: CDS  
;; LOCATION: 1..987  
;;  
US-08-640-386A-1

Query Match 4.7%; Score 46; DB 1; Length 987;  
Best Local Similarity 100.0%; Pred. No. 1.8e-13;  
Matches 46; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 647 TTCACAAGCTCAAGTATGAAACTACACCAGCAGCTTCTTCATCAG 692  
|||  
Db 644 TTCACAAGCTCAAGTATGAAACTACACCAGCAGCTTCTTCATCAG 689

Search completed: December 12, 2003, 09:29:51  
Job time : 65.6619 secs